

Converting Colors

XYZ(31.8354, 31.3993, 37.6405)

Have a look what the booklet for
XYZ(31.8354, 31.3993, 37.6405)
contains.

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Color

**XYZ(31.8354, 31.3993,
37.6405)**

Conversions

Conversions Part 1

Format	Color
Hex	A294A0
RGB	162, 148, 160
RGB Percent	64%, 58%, 63%
CMY	0.3647, 0.4196, 0.3725
CMYK	0.00, 0.09, 0.01, 0.36
HSL	309°, 7%, 61%
HSV	309°, 9%, 64%
XYZ	31.8354, 31.3993, 37.6405
YIQ	153.5540, 4.4920, 6.7000

Conversions

Conversions Part 2

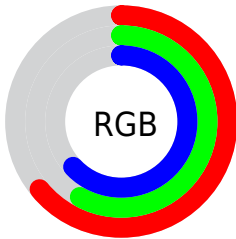
Format	Color
R_{YB}	162, 148, 160
Decimal	10654880
CIE _{Lab}	62.84, 7.40, -4.43
CIE _{LCh}	63, 8.621, 329.085
Yxy	31.3993, 0.3156, 0.3113
Android (android.graphics.Color)	4288844960 (0xFFA294A0)
YUV	153.5540, 3.1779, 7.4071
Hunter-Lab	56.0351, 3.3504, -0.6024

Details

The XYZ color **31.8354, 31.3993, 37.6405** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.6393, 34.3395, 33.8692**, and the grayscale version is **30.5058, 32.0945, 34.9509**.

A 20% lighter version of the original color is **62.0015, 61.8991, 72.9699**, and **13.4654, 12.9685, 16.2615** is the 20% darker color. If you saturate the color by 10%, you get **29.2698, 26.5887, 35.7958**, and if you desaturate by 10%, it is **34.7623, 36.9254, 39.6250**.

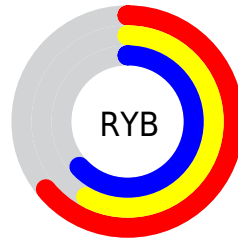
Distribution



Red (64%)

Green (58%)

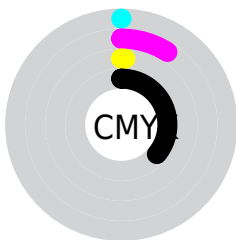
Blue (63%)



Red (64%)

Yellow (58%)

Blue (63%)

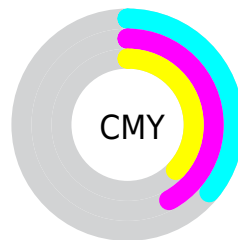


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (36%)



Cyan (36%)

Magenta (42%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.8354, 31.3993, 37.6405 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 31.8354, 31.3993, 37.6405 by changing the saturation by 10% instead.

■ 31.8354, 31.3993,
37.6405

■ 31.8354, 31.3993,
37.6405

302.1274,
308.3737, 351.3271

■ 21.3907, 20.9031,
25.4041

■ 61.9199, 61.8682,
72.7541

■ 13.5240, 13.0532,
16.1566

■ 82.2904, 82.6097,
96.4684

■ 7.8698, 7.4652,
9.4795

106.7003,
107.5350, 124.8457

■ 4.0629, 3.7547,
4.9542

135.5149,
137.0286, 158.3046

■ 1.7378, 1.5373,
2.1621

169.0996,
171.4749, 197.2637

■ 0.4797, 0.3148,
0.6524

207.8196,

■ 0.0000, 0.0000,

211.2582, 242.1415

0.0000

252.0405,
256.7630, 293.3564

■ 31.8354, 31.3993,
37.6405

■ 31.8354, 31.3993,
37.6405

■ 29.2698, 26.5887,
35.7958

■ 34.7623, 36.9254,
39.6250

■ 27.0480, 22.4602,
34.0838

■ 38.0615, 43.1906,
41.7519

■ 25.1551, 18.9836,
32.4999

■ 41.7471, 50.2225,
44.0265

■ 23.5743, 16.1252,
31.0383

■ 45.8315, 58.0460,
46.4529

■ 22.2870, 13.8479,
29.6927

■ 50.3267, 66.6849,
49.0352

■ 21.2728, 12.1108,
28.4563

■ 55.2442, 76.1619,
51.7773

■ 20.5085, 10.8678,
27.3211

■ 58.5173, 82.3442,
53.9905

■ 19.9671, 10.0648,
26.2782

■ 58.7487, 82.4368,
55.2091

■ 19.5969, 9.5983,
25.3101

■ 58.9841, 82.5309,
56.4484

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.9618, 31.3993, 40.1939



31.8354, 31.3993, 37.6405



32.1732, 31.3993, 34.2925

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



31.8354, 31.3993, 37.6405



29.8804, 31.3993, 28.0883



27.9029, 31.3993, 37.4490

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



31.8354, 31.3993, 37.6405



30.6393, 34.3395, 33.8692

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



27.6302, 31.3993, 34.0847



31.8354, 31.3993, 37.6405



28.7536, 31.3993, 28.8132

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



31.8354, 31.3993, 37.6405



31.0263, 31.3993, 28.9060



27.9376, 31.3993, 30.9543



28.6923, 31.3993, 40.0783

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



31.8354, 31.3993, 37.6405



32.0424, 31.3993, 32.1054



27.9376, 31.3993, 30.9543



27.7487, 31.3993, 36.3598

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



31.8363, 31.4007, 37.6412



60.6795, 62.4419, 70.3134



29.6660, 30.2615, 38.4604



13.5344, 13.8467, 15.7284



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.8363, 31.4007, 37.6412



57.0316, 55.5674, 67.7986



31.2521, 31.1670, 34.5647



7.3206, 7.1847, 8.6747



15.4138, 7.5216, 19.9014



0.3350, 0.1625, 0.4769

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



31.8363, 31.4007, 37.6412



57.0316, 55.5674, 67.7986



31.2086, 34.5672, 36.8669



7.3206, 7.1847, 8.6747



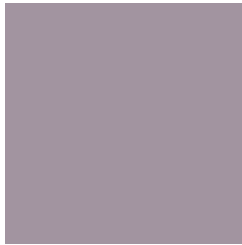
15.4138, 7.5216, 19.9014



0.3350, 0.1625, 0.4769

Previews

White Background



This preview shows how the XYZ color 31.8354, 31.3993, 37.6405 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 31.8354, 31.3993, 37.6405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.8354, 31.3993, 37.6405

Background



This preview shows how black text looks on a background with the XYZ color 31.8354, 31.3993, 37.6405.



This preview shows how white text looks on a background with the XYZ color 31.8354, 31.3993,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

31.8354, 31.3993, 37.6405

Protanopia

30.5371, 31.4173, 38.6371

Deuteranopia

32.0393, 31.5044, 37.6500



Tritanopia

31.8354, 31.3993, 37.6405

Trichromacy



Original Color

31.8354, 31.3993, 37.6405

Protanomaly

31.0497, 31.4538, 38.1529

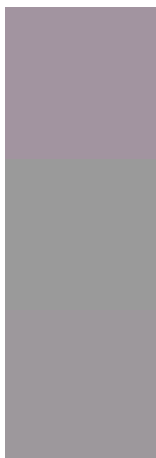
Deuteranomaly

32.0393, 31.5044, 37.6500

Tritanomaly

31.8354, 31.3993, 37.6405

Monochromacy



Original Color

31.8354, 31.3993, 37.6405

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.1336, 32.0249, 35.9930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.8354, 31.3993, 37.6405 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(162, 148, 160)` looks like.

```
.text, #text, p{  
    color:rgb(162, 148, 160)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(162, 148, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 148, 160) }
```

Border

The CSS property to change the border of an element to XYZ 31.8354, 31.3993, 37.6405 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 148, 160) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(162, 148, 160) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(162, 148, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 148, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 148, 160);  
box-shadow:4px 4px 4px 4px rgb(162, 148,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 31.8354, 31.3993, 37.6405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 148, 160) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(162,  
148, 160) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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